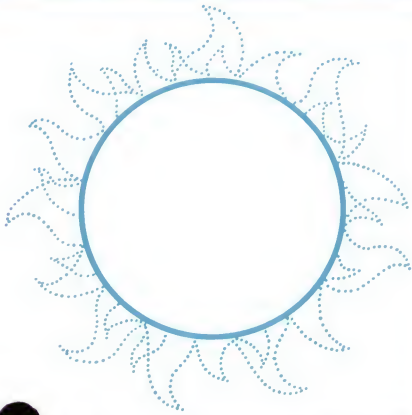


CALTRON

SOLAR CONTROL LOUVERS



SOLAR CONTROL

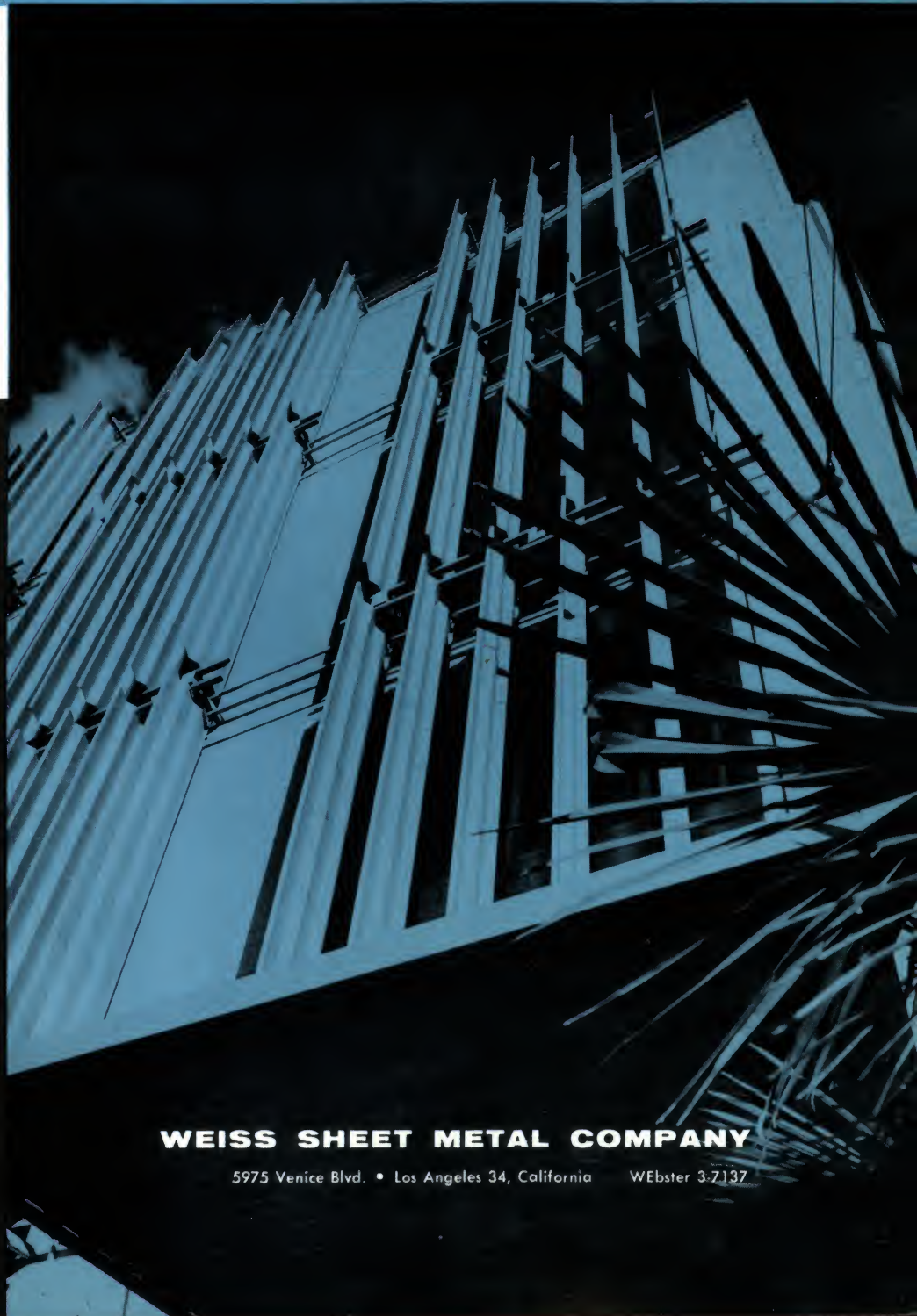
SERVO CONTROL

MOTORIZED

MANUAL

SEMI ADJUSTABLE

STATIONARY



WEISS SHEET METAL COMPANY

5975 Venice Blvd. • Los Angeles 34, California

WEbster 3-7137

CALTRON / SOLAR CONTROL



SMOOTH CONTINUOUS OPERATION

Only the Caltron Solar Control System offers all features most desired in a louver installation as well as several important exclusive advantages. Room light and heat are kept in ideal balance due to the smooth, continuous movement of the louvers. Elimination of quick interrupting motion avoids distraction and provides a maximum of light.

A Caltron installation has the benefits of customization though the cost is completely competitive. The architect is not limited whatsoever in design or architectural treatment nor are field variances a problem.

OPERATION OF THE CALTRON SOLAR CONTROL SYSTEM

A unique system of motor operated louvers, controlled by weather conditions and movements of the sun, relayed from a master control system on the roof to a servomechanism which, in turn, relays impulses to the motor or motors and drive mechanisms which quietly position the louver vanes.

The master unit shall have a photoelectric override so that, on a dull or cloudy day when the light intensity drops, the louvers will move to a complete, open position. The override shall have time delay and darkness adjustment so that the louvers will not be opening and closing every time a cloud passes by the building.

Weiss Sheet Metal will gladly discuss the application and supply the necessary literature for your particular project.

CALTRON SOLAR CONTROL — PATENT PENDING



PARK CREST CORP. BLDG.
170 N. Robertson Blvd., Beverly Hills
Alfred March, A.I.A., Architect
Special cantilevered shades & CV9

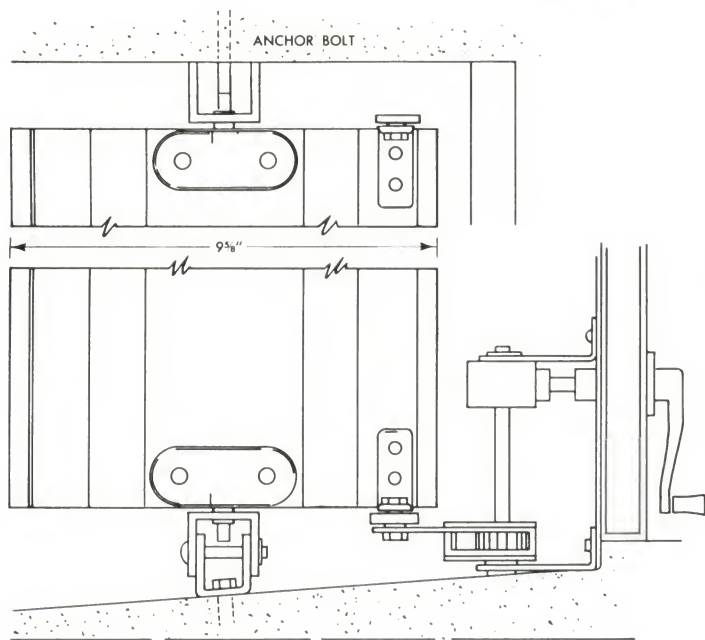


DOWN'S BUILDING

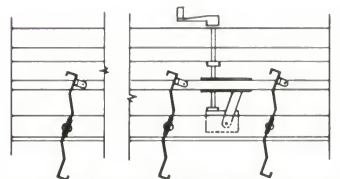
3175 W. 6th St., Los Angeles
Sheldon L. Pollack, Arch. & General Contr.

72 panels of CV18 vanes linked together to form two separate Solar Control Systems w/manual overrides for three of six runs.

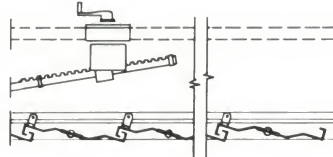
CV9



Vertical installations available in other vane styles.



WORM AND WORM GEAR OPERATES LOUVERS
150 SQ. FT. MAXIMUM



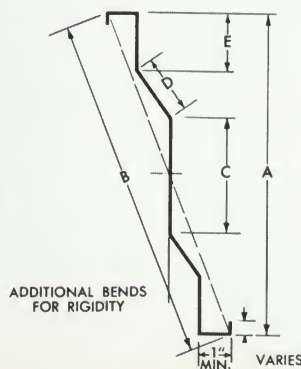
RACK AND PINION
FOR LOUVERS OVER 150 SQ. FT.

SPECIFICATIONS

MATERIALS

- A. Vanes die formed, 5005-H34 Alum.
- B. Brackets, Clips, 5005-H34 Alum.
- C. Mounting Channels, 6063-T6
- D. Pivots — Cad Plated Steel, Stainless Steel or Tubular Rivets
- E. Assembly Bolts — Cad Plated Steel, Stainless Steel or Alum.
- F. Bushings — Nylon or Bronze Oilite

GUARANTEE / 3 years on all mechanical components.

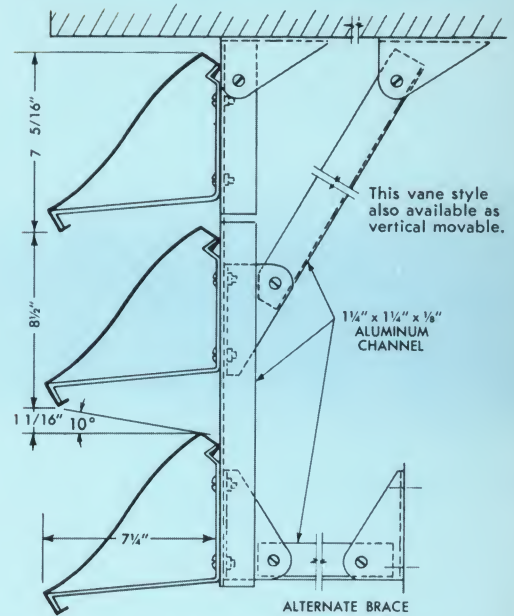


VERTICAL LOUVER DATA

TYPE	A	B	C	D	E	Max. Pivot Space	Min. Jamb to Pivot	Flat Stock
CV7	7"	7 3/4"	3 1/4"	1"	1"	6 1/2"	4 1/8"	10"
CV9	8 3/4"	9 5/8"	3 1/4"	1 1/2"	1 1/2"	8 1/2"	5 1/8"	12"
CV12	11 3/4"	12 1/2"	4 1/4"	2"	2"	11 1/4"	6 1/2"	15"
CV14	14 1/4"	14"	4 1/4"	2 3/8"	2 3/8"	13"	6 1/2"	18"
CV18	16 5/8"	17 1/4"	4 1/4"	2 3/8"	4 1/8"	16 1/8"	8 7/8"	20"
CV24	20 1/8"	20 7/8"	5"	3"	5"	19 3/8"	10 3/4"	24"

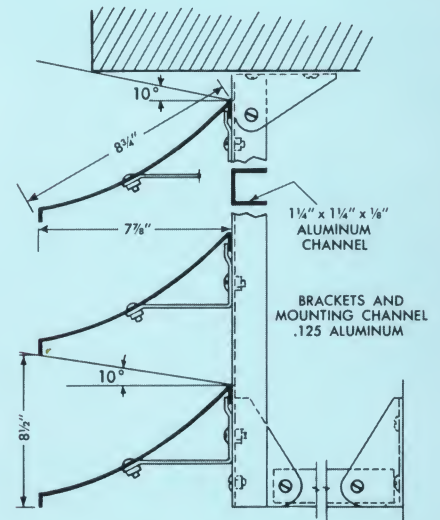
ADDITIONAL SIZES UPON APPLICATION

Caltron Horizontal CSH9



VANES DIE FORMED .050

Caltron Horizontal CSH8



VANES DIE FORMED .064

OTHER TYPES OF CONTROL AND OPERATORS AND POSITIONS

SERVO-CONTROL A motorized louver drive system which shall position the louvers to preset locations so that no direct sunlight but a maximum of light will enter the building. A Photoelectric Override shall be installed as an alternate. This system shall cycle to compensate for seasonal changes.

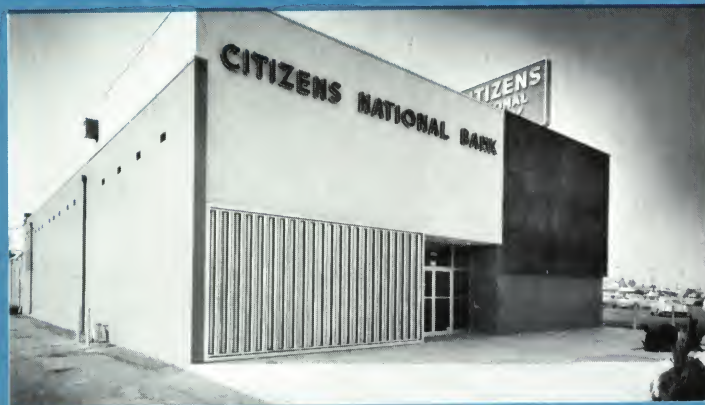
MOTOR-DRIVER MANUAL OPERATION A control station with open and closed type switches which enable someone inside the building to motor-drive the louvers to any position.

MANUAL OPERATION The louvers shall be positioned to any desired angle by almost effortlessly cranking control handle inside the building.

STATIONARY Either vertical or horizontal louvers set to a prefixed position to admit a maximum of light but no direct sunlight.

ARCHITECT SERVICE

Caltron offers not only standard type production louvers but also the special shapes and designs that the architect may desire to use at production louver costs.



FINISHES

1. All Components of louvers shall be treated for paint adhesion. Primed with Zinc Chromate Primer and finished with two coats best grade Synthetic Enamel baked on, in one of Caltron's standard colors as selected by architect.
2. ALTERNATE FINISH
On Aluminum shall be 204-R1 Alupalite.
3. Other finishes such as Porcelain and color anodizing are available at a premium.



Reed Company, West L. A., Arch. Nickman & Chow CV9 w/full Alum. Surround. Striking appearance. Developer, Joe Branberg. General Contractor, the Walter Drazan Co.

Citizens National Bank, Garden Grove. Kenneth N. Lind, A.I.A. CV12 Blend w/front appearance of bldg.

Wilshire LeDoux Building, Los Angeles. Maxwell Starkman Associates. Cantelevered shades project out two feet and are self supporting . . . used with alum. egg-crate.

INSTALLATIONS

W.L.A. Municipal Bldg.
CSH, Albert Criz, A.I.A.

Grand Central Ind. Centre
CVS-12—John Anderson, Architect

San Gabriel Hospital Canopy
CSH9, Maurice Fleishman, Architect

Riviera Hotel
Palm Springs, CV12,
R. Leon Edgar, Architect

Braemer Towers
L.A. CV14 John C. Lindsey &
Orr-Strange-Inslee, Architect

Dept. of Immigration
L.A., CV9-CSH8,
Wormhoudt & Tennenbaum, Architect



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MOTOR-DRIVER Motorized louvers shall be open and closed to position the building to motor-control.

MANUAL OPERATION Louvers shall be positioned at desired angle by hand operation of the building.

STATIONARY Either louvers shall be in position to admit a maximum of light.

ARCHITECT

Caltron offers not only standard special shapes and production louver cover

FINISHES

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Alumalite.

in and color premium.



h. Nickman
und. Strik-
Branberg.
razan Co.

Grove. Ken-
id w/front

geles. Max-
intelevered
d are self
. egg-crate.

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From the collection of:

Mike Jackson, FAIA

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